

## **CLAIMS**

1. A method for content delivery over the internet, comprising:

establishing a content delivery network at network edge points, the content delivery network comprising a set of content servers for hosting web resources;

continuously monitoring traffic conditions on the internet to generate a set of network performance metrics selected from a group of metrics consisting essentially of: link latency, packet loss rates at routers, available link capacity, network hop distance, AS path information, and test page download times;

aggregating given network performance metrics;

using the aggregated network performance metrics to construct a network map that identifies the cost of communication between IP blocks and the content servers; and

responsive to a client browser request for a web resource, using the network map to identify a given one of the set of content servers from which the resource may be obtained.